

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
PALACIOS	FOUR	PSX4.PSX	THREE	11/03/2022	
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

DP ROUTE DESCRIPTION:

GEORGE BUSH INTERCONTINENTAL/HOUSTON (KIAH)

ALL RUNWAYS: CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SKUBA, MAINTAIN 16000. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

WILLIAM P HOBBY (KHOU)

TAKEOFF RWY 4, 13L, 13R, 22: CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SKUBA, MAINTAIN 16000. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

TAKEOFF RWY 31L: CLIMB ON HEADING 310.96 TO 800 BEFORE TURNING, THEN CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SKUBA, MAINTAIN 16000. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

TAKEOFF RWY 31R: CLIMB ON HEADING 310.95 TO 800 BEFORE TURNING, THEN CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SKUBA, MAINTAIN 16000. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

ELLINGTON (KEFD)

TAKEOFF ALL RUNWAYS: CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SKUBA. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

SUGAR LAND RGNL (KSGR)

TAKEOFF RWY 17: CLIMB ON HEADING 170.29 TO 1500 BEFORE TURNING. WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SKUBA. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

TAKEOFF RWY 35: CLIMB ON HEADING 350.29 TO 1100 BEFORE TURNING. WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SKUBA. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

HOUSTON/SOUTHWEST (KAXH)

TAKEOFF RWY 9: CLIMB ON HEADING 089.24 TO 2000 BEFORE TURNING. WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SKUBA. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

TAKEOFF RWY 27: CLIMB ON HEADING 269.24 TO 2200 BEFORE TURNING. WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SKUBA. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

HOUSTON EXEC (KTME)

TAKEOFF RWY 18: WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SKUBA. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

TAKEOFF RWY 36: CLIMB ON HEADING 355.25 TO 700 BEFORE TURNING. WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SKUBA. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

SCHOLES INTL AT GALVESTON (KGLS)

TAKEOFF RWY 14, 18, 36: WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SKUBA. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

TAKEOFF RWY 32: CLIMB ON HEADING 318.12 TO 800 BEFORE TURNING. WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SKUBA. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

LA PORTE MUNI (T41)

TAKEOFF RWY 5, 23: WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SKUBA. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

TAKEOFF RWY 12: CLIMB ON HEADING 121.17 TO 500 BEFORE TURNING. WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SKUBA. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...



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PALACIOS	FOUR	PSX4.PSX	THREE	11/03/2022	

TAKEOFF RWY 30: CLIMB ON HEADING 301.18 TO 700 BEFORE TURNING. WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SKUBA. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

CLEVELAND MUNI (6R3)

TAKEOFF RWY 16: CLIMB ON HEADING 156.75 TO 1400 BEFORE TURNING. WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SKUBA. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

TAKEOFF RWY 34: CLIMB ON HEADING 311.75 TO 2000 BEFORE TURNING. WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SKUBA. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

PEARLAND RGNL (KLVJ)

TAKEOFF RWY 14: CLIMB ON HEADING 141.67 TO 1600 BEFORE TURNING, WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SKUBA. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

TAKEOFF RWY 32: CLIMB ON HEADING 321.67 TO 700 BEFORE TURNING, WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SKUBA. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

LIBERTY MUNI (T78)

TAKEOFF RWY 16: CLIMB ON HEADING 160.77 TO 1700 BEFORE TURNING, WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SKUBA. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

TAKEOFF RWY 34: CLIMB ON HEADING 340.78 TO 1000 BEFORE TURNING, WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SKUBA. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

ALL OTHER AIRPORTS

ALL RUNWAYS: WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO SKUBA. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...
...ON PSX R-038 TO PSX VORTAC.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
SAN ANTONIO	PSX4.SAT	PSX VORTAC	ICEMN	256.73 (PSX R-257)	107.62	10000	1800	
		ICEMN	SAT VORTAC	346.06 (SAT R-166)	63.79	FL180	2600	
FORT STOCKTON	PSX4.FST	PSX VORTAC	ICEMN	256.73 (PSX R-257)	107.62	10000	1800	
		ICEMN	COT VORTAC	251.19 (COT R-071)	42.05	FL180	1800	
		COT VORTAC	RSG VORTAC	317.57 & 315.99 (COT R-318 & RSG R-136)	111.71	FL180	3700	
		RSG VORTAC	FST VORTAC	282.70 & 280.34 (RSG R-283 & FST R-100)	149.64	FL180	5500	

PBN REQUIREMENT NOTES:

EQUIPMENT REQUIREMENT NOTES:

RADAR AND DME REQUIRED.

PROCEDURAL DATA NOTES:



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TAKEOFF MINIMUMS:

GEORGE BUSH INTERCONTINENTAL/HOUSTON (KIAH)

RWY 8L, 8R, 9, 27, 15L, 15R, 26L, 26R, 33L, 33R: STANDARD.

WILLIAM P HOBBY (KHOU)

RWY 4, 13L, 13R, 31L, 31R: STANDARD.

RWY 22: STANDARD WITH MINIMUM CLIMB OF 290 FT/NM TO 1500.

ELLINGTON (KEFD)

RWY 4, 17L, 17R, 35L, 35R: STANDARD.

RWY 22: 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 214 FT/NM TO 300 OR ALTERNATIVELY WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1400 FT PRIOR TO DER.

CONROE/NORTH HOUSTON RGNL (KCXO)

RWY 1, 14, 19, 32: STANDARD.

DAVID WAYNE HOOKS MEML (KDWH)

RWY 17L, 35R: NA - ENVIRONMENTAL.

WATERWAY 17, 35: NA - AIR TRAFFIC.

RWY 17R, 35L: STANDARD.

SUGAR LAND RGNL (KSGR)

RWY 17, 35: STANDARD.

HOUSTON/SOUTHWEST (KAXH)

RWY 9: STANDARD.

RWY 27: STANDARD WITH MINIMUM CLIMB OF 230 FT/NM TO 2700.

HOUSTON EXEC (KTME)

RWY 18, 36: STANDARD.

WEST HOUSTON (KIWS)

RWY 15, 33: STANDARD.

SCHOLES INTL AT GALVESTON (KGLS) RWY 14, 18, 32, 36: STANDARD.

TEXAS GULF COAST RGNL (KLBX) RWY 17, 35: STANDARD.

LA PORTE MUNI (T41)

RWY 12, 23, 30: STANDARD.

RWY 5: 400 - 2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 205 FT/NM TO 500.

RWJ AIRPARK (54T)

RWY 8, 26: STANDARD.

RWY 14, 32: NA - ENVIRONMENTAL.

CLEVELAND MUNI (6R3)

RWY 16, 34: STANDARD.

BAYTOWN (KHPY)

RWY 32: STANDARD.

RWY 14: 300 - 1 OR STANDARD WITH MINIMUM CLIMB OF 426 FT/NM TO 300.



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PEARLAND RGNL (KLVJ)

RWY 14, 32: STANDARD.

CHAMBERS COUNTY (T00)

RWY 17, 35: NA-ENVIRONMENTAL.

RWY 12, 30: STANDARD.

LIBERTY MUNI (T78)

RWY 16, 34: STANDARD.

TAKEOFF OBSTACLES NOTES:

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

CONTROLLING OBSTACLES:

WILLIAM P HOBBY (KHOU)

RWY 22, 31L, 31R: 2049 FT MSL TOWER 293430.00N/0952938.00W.

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 31R, 31L 2049 FT MSL TOWER 293430.00N/0952938.00W.

ELLINGTON (KEFD)

RWY 22: 192 FT MSL WATER TOWER, 293521.00N/0951048.09W.

SUGAR LAND RGNL (KSGR)

RWY 17: 2049 FT MSL TOWER 293415.70N/0953038.30W.

RWY 35: 2049 FT MSL TOWER 293435.00N/0953037.00W.

HOUSTON/SOUTHWEST (KAXH)

RWY 9, 27: 2049 FT MSL TOWERS 293341.00N/0953005.00W.

HOUSTON EXEC (KTME)

RWY 36: 546 FT MSL TOWER 295050.00N/0955259.00W.

SCHOLES INTL AT GALVESTON (KGLS)

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 32: 2013 FT MSL TOWER 291800.65N/0950640.27W.

LA PORTE MUNI (T41)

RWY 5: 334 FT MSL STACK 294201.00N/0950211.00W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 12: 499 FT MSL STACK 293747.00N/0950316.00W. RWY 30: 584 FT MSL TOWER 294253.26N/0950540.31W.

CLEVELAND MUNI (6R3)

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 16: 2048 FT MSL TOWER 301351.00N/0950726.00W. RWY 34: 2048 FT MSL TOWER 303207.00N/0950105.00W.

BAYTOWN (KHPY)

RWY 14, 180 FT MSL TOWER 294613.50N-0945637.80W.

PEARLAND RGNL (KLVJ)

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 14, 32: 1200 MSL TOWER 292757.00N/0951324.00W.

LIBERTY MUNI (T78)

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 16, 34: 2049 MSL TOWER 300102.20N/0943247.89W

MSA:

KIAH: MSA FROM IAH VORTAC 015-230 3100, 230-015 2400.

KHOU: MSA FROM IAH VORTAC 015-230 3100, 230-015 2400.

KEFD: MSA FROM MHF VOR/DME 3100.

KCXO: MSA FROM KCXO 3100.

KDWH: MSA FROM IAH VORTAC 3100.

KSGR: MSA FROM IAH VORTAC 3100 (27).

KAXH: MSA FROM IAH VORTAC 3100 (30).



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KTME: MSA FROM KTME 3100.

KIWS: MSA FROM KIWS 3100.

KGLS: MSA FROM VUH VOR/DME 360-180 1600, 180-360 3100.

KLBX: MSA FROM KLBX 3100.

T41: MSA FROM T41 3100.

54T: MSA FROM 54T 3100.

6R3: MSA FROM 6R3 3100.

KHPY: MSA FROM KHPY 3100.

KLVJ: MSA FROM KLVJ 3100.

T00: MSA FROM T00 3100.

T78: MSA FROM T78 3100.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

GEORGE BUSH INTERCONTINENTAL/HOUSTON – CHART: TOP ALTITUDE: 16000.

WILLIAM P HOBBY – CHART: TOP ALTITUDE: 16000.

ELLINGTON – CHART: TOP ALTITUDE: ASSIGNED BY ATC.

CONROE/NORTH HOUSTON RGNL – CHART: TOP ALTITUDE: ASSIGNED BY ATC.

DAVID WAYNE HOOKS MEML – CHART: TOP ALTITUDE: ASSIGNED BY ATC.

SUGAR LAND RGNL – CHART: TOP ALTITUDE: ASSIGNED BY ATC.

HOUSTON/SOUTHWEST – CHART: TOP ALTITUDE: ASSIGNED BY ATC.

HOUSTON EXEC – CHART: TOP ALTITUDE: ASSIGNED BY ATC.

WEST HOUSTON – CHART: TOP ALTITUDE: ASSIGNED BY ATC.

SCHOLES INTL AT GALVESTON – CHART: TOP ALTITUDE: ASSIGNED BY ATC.

TEXAS GULF COAST RGNL – CHART: TOP ALTITUDE: ASSIGNED BY ATC.

LA PORTE MUNI – CHART: TOP ALTITUDE: ASSIGNED BY ATC.

BAYTOWN - CHART: TOP ALTITUDE: ASSIGNED BY ATC.

RWJ AIRPARK - CHART: TOP ALTITUDE: ASSIGNED BY ATC.

CLEVELAND MUNI - CHART: TOP ALTITUDE: ASSIGNED BY ATC.

PEARLAND RGNL - CHART: TOP ALTITUDE: ASSIGNED BY ATC.

CHAMBERS COUNTY - CHART: TOP ALTITUDE: ASSIGNED BY ATC.

LIBERTY MUNI - CHART: TOP ALTITUDE: ASSIGNED BY ATC.

AIRPORT MV: IAH 3E/2015, HOU 3E/2015, EFD 5E/2000, CXO 5E/2000, DWH 5E/2000, SGR 5E/2000, AXH 5E/2000, TME 4E/2010, IWS 5E/1995, GLS 2E/2015, LBX 5E/2000, T41 5E/1990, 54T 5E/1985, R63 5E/1995, KHPY 3E/2010, KLVJ 3E/2015, T00 5E/1995, T78 5E/1995

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PALACIOS	FOUR	PSX4.PSX	THREE	11/03/2022	

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KIAH	HOUSTON	TX
KHOU	HOUSTON	TX
KEDF	HOUSTON	TX
KCXO	HOUSTON	TX
KDWH	HOUSTON	TX
KSGR	HOUSTON	TX
KAXH	HOUSTON	TX
KTME	HOUSTON	TX
KIWS	HOUSTON	TX
KGLS	GALVESTON	TX
KLBX	ANGLETON/LAKE JACKSON	TX
T41	LA PORTE	TX
54T	BAYTOWN	TX
6R3	CLEVELAND	TX
KHPY	BAYTOWN	TX
KLJV	HOUSTON	TX
T00	ANAHUAC	TX
T78	LIBERTY	TX

COMMUNICATIONS:

CHART:

ATIS: IAH, HOU, EFD, CXO, DWH, SGR, TME.

AWOS/ASOS: IAH, HOU, EFD, CXO, DWH, SGR, AXH, TME, GLS, LBX, 6R3, LVJ, T78.

CTAF: CXO, DWH, SGR, AXH, TME, IWS, GLS, LBX, T41, 54T, 6R3, HPY, LVJ, T00, T78

CLNC DEL: IAH, HOU, CXO, DWH, SGR, AXH, TME, IWS, GLS, LBX, T41, 54T, 6R3, HPY, LVJ, T00, T78.

GND CON: IAH, HOU, EFD, CXO, DWH, SGR, GLS, TME.

TWR: IAH, HOU, EFD, CXO, DWH, SGR, GLS, TME.

CPDLC: IAH, HOU.



FIXES AND/OR NAVAIDS:

REMARKS:
MAXIMUM VEGETATION HEIGHT 75 FT PER FPT.
WAIVER: T41 RWY 5: RWY ROUTE DESCRIPTION MITIGATION.

<u>FLIGHT INSPECTED BY</u>	<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>	
<u>DEVELOPED BY</u>	<u>SIGNATURE</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>
CASIMIR TABAKA (RONALD STROBACH)		CASIMIR L TABAKA	AJV-A432	02/11/2025
		Apr 21, 2025		
<u>APPROVED BY</u>	<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
CASIMIR TABAKA		<i>Digitally signed by</i>	AJV-A432	MANAGER
		CASIMIR L TABAKA		
		Apr 21, 2025		
<u>REQUIRED EFFECTIVE DATE</u>				
ROUTINE				

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZHU, HOUSTON APP CON, IAH TOWER, AMGR.

- CHANGES - REASONS:**
1. DP ROUTE DESCRIPTION: WILLIAM P HOBBY: TAKEOFF RWY 31R CHANGED FROM “CLIMB ON HEADING 310.94...” TO “CLIMB ON HEADING 310.95...” - IAW 8260.46J APPENDIX E.2.(C).
 2. DP ROUTE DESCRIPTION: SUGAR LAND RGNL: TAKEOFF RWY 17: CHANGED FROM “CLIMB ON HEADING 170.28...” TO “CLIMB ON HEADING 170.29...” - IAW 8260.46J APPENDIX E.2.(C).
 3. DP ROUTE DESCRIPTION: SUGAR LAND RGNL: TAKEOFF RWY 35: CHANGED FROM “CLIMB ON HEADING 350.28...” TO “CLIMB ON HEADING 350.29...” - IAW 8260.46J APPENDIX E.2.(C).
 4. DP ROUTE DESCRIPTION: HOUSTON/SOUTHWEST: TAKEOFF RWY 9: CHANGED FROM “CLIMB ON HEADING 089.22...” TO “CLIMB ON HEADING 089.24...” - IAW 8260.46J APPENDIX E.2.(C).
 5. DP ROUTE DESCRIPTION: HOUSTON/SOUTHWEST: TAKEOFF RWY 27: CHANGED FROM “CLIMB ON HEADING 269.23...” TO CLIMB ON HEADING 269.24...” - IAW 8260.46J APPENDIX E.2.(C).
 6. DP ROUTE DESCRIPTION: LA PORTE MUNI: TAKEOFF RWY 5: REMOVED "CLIMB ON HEADING 046.34 TO 500 BEFORE TURNING" - ADDED CEILING, VIS, CG, CGTA TO TAKEOFF MINIMUMS TO CLEAR THE CONTROLLING OBSTACLE IN THE ICA.
 7. TRANSITION ROUTES: THX REMOVED FROM SAN ANTONIO AND FORT STOCKTON TRANSITIONS - THX VORMON.
 8. TRANSITION ROUTES: ICEMN ADDED TO SAN ANTONIO AND FORT STOCKTON TRANSITIONS - PER FPT DIRECTION.
 9. TRANSITION ROUTES: ADDED MOCA ALTITUDES - IAW 8260.46J, APPENDIX E.2.(D).
 10. TRANSITION ROUTES (GRAPHIC DEPICTION ONLY): CHANGED SAN ANTONIO TRANSITION ICEMN TO SAT VORTAC COURSE FROM “346.06 (SAT R-171)” TO “346.06 (SAT R-166)” - IAW 8260.46J, APPENDIX E.2.D(5).
 11. TRANSITION ROUTES (GRAPHIC DEPICTION ONLY): CHANGED FORT STOCKTON TRANSITION ICEMN TO COT VORTAC COURSE FROM “252.19 (COT R-077)” TO “251.19 (COT R-071)” -IAW 8260.46J, APPENDIX E.2.D(5).
 12. TAKEOFF MINIMUMS: ELLINGTON FIELD: CHANGED FROM "RWY 22: 200-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 214 FT/NM TO 300 OR ALTERNATIVELY WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1400 FT PRIOR TO DER" TO "RWY 22: 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 214 FT/NM TO 300 OR ALTERNATIVELY WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1400 FT PRIOR TO DER" -CONTROLLING OBSTACLE LOCATED WITHIN THE ICA WHICH PENETRATES THE 40:1 OCS BY 35 FT OR LESS IAW 8260.46J TABLE 2-1-1, SITUATION 3.A.)
 13. TAKEOFF MINIMUMS: HOUSTON/SOUTHWEST: CHANGED FROM “RWY 9, 27: STANDARD” TO “RWY 9: STANDARD” AND “RWY 27: STANDARD WITH MINIMUM CLIMB OF 230 FT/NM TO 2700” -UDPATED OBSTACLE EVALUATION.
 14. TAKEOFF MINIMUMS: LA PORTE MUNI: CHANGED FROM “RWY 5, 12, 23, 30: STANDARD” TO RWY 12, 23, 30: STANDARD” AND “RWY 5: 400 - 2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 205 FT/NM TO 500” - NEW TARGETS EVALUATION AND IN CONCURRENCE WITH FPT.
 15. TAKEOFF MINIMUMS: BAYTOWN: RWY 14 MINIMUM CLIMB CHANGED FROM "420 FT/NM" TO "426 FT/NM" - UPDATED OBSTACLE EVALUATION.
 16. TAKEOFF MINIMUMS: RWJ AIRPARK: CHANGED “RWY 14, 32: STANDARD - NA AT NIGHT” TO “RWY 14, 32: NA - ENVIRONMENTAL” - CHANGED TO MATCH OTHER SIDS AND IN CONCURRENCE WITH FPT.
 17. ADDED MSA'S - IAW 8260.46J, APPENDIX E.2.(K).



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PALACIOS	FOUR	PSX4.PSX	THREE	11/03/2022	

18. ADDITIONAL FLIGHT DATA: ADDED MAG VAR FOR ALL AIRPORTS SERVED - IAW 8260.46J, APPENDIX E.2.(M).
19. REMARKS: ADDED "ROUTINE" - IAW 8260.46J, APPENDIX E.2.(Q).

